

Twin Sails Bridge



Project: Twin Sails Bridge
Contractor: HOCHTIEF (UK) Construction
Architect: Ramboll UK

Twin Sails Bridge, Poole is a 2012 success story for Metamont's pioneering LED Lighting System. Our brief was to design, manufacture and install a stainless steel balustrade system with intelligent DMX controlled and fully IP rated integrated LED lighting. The Twin Sails Bridge is the first bridge of its type to be built and was chosen to symbolise the aspirations of the town and its maritime heritage, which is reflected in the world class design with its two triangular shaped lifting leaves symbolising the sails of a yacht. It was a world class project and magnificent testimony to British Engineering.

The balustrade system is manufactured from 316L marine grade stainless steel and comprises profiled twin flat uprights, Ø6mm wire rope infill and a Ø60.3mm stainless steel handrail which incorporates the bespoke LED lighting system which is a DMX controlled, fully IP rated system tailored specifically to suit the local environment. Incorporating RGB LEDs, the lighting has been programmed to sequentially change colour to suit the movement of the lifting spans.

The Twin Sails Bridge has been recognised at the 2012 LUX awards by receiving a commendation for Architectural Lighting Project of the Year.



